ARCHIVED REPORT

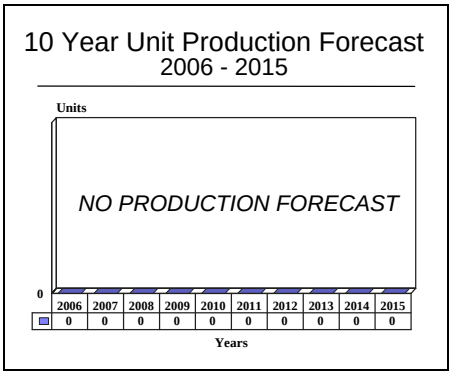
For data and forecasts on current programs please visit

www.forecastinternational.com or call +1 203.426.0800

Multi-Sensor Platform 500 (MSP 500) – Archived 01/2007

Outlook

- No Multi-Sensor Platform 500 production is forecast
- Barring a sudden surge of sales activity, the MSP 500 report will be archived next year, in January 2007
- Should sales transactions occur, Forecast International will reissue this report



Orientation

Description. The Multi-Sensor Platform 500 (MSP 500) is an electro-optical fire control and reconnaissance system manufactured by Rheinmetall Defence Electronics GmbH. The MSP 500 is designed for use on surface vessels.

Sponsor

Rheinmetall Defence Electronics GmbH
Brüggeweg 54
28309 Bremen/Germany
Tel: + 49 421 457 0
Fax: + 49 421 457 2900
Web site: http://www.rheinmetall-detec.de

Status. In service.

Total Produced. Through 2005, Forecast International estimates that some 79 MSP 500 systems had been produced through 2005.

Application. Fire control.

Price Range. Approximately $500,000 per system.

Contractors

Rheinmetall Defence Electronics GmbH (RDE), http://www.rheinmetall-detec.de, Brüggeweg 54, Bremen, 28309 Germany, Tel: + 49 421 457 01, Fax: + 49 421 457 2900, Prime

Technical Data

The MSP 500 is a long-range electro-optical system for detecting, observing, and identifying naval, ground, and aerial targets, and can also be used for the automatic target tracking and fire control functions of cannon systems like the Millennium.

The MSP 500's suite of sensors includes a thermal imaging device, a daylight camera, and a laser rangefinder. The thermal imaging device features fields of view of 2 degrees x 1.5 degrees and 7 degrees x 5.2 degrees. The daylight camera is a black-and-white

television camera with zoom function. The laser rangefinder is eye-safe and has a high pulse repetition rate of 6 Hz.

The MSP 500 incorporates a dual-mode video tracker for centroid, correlation, or combined tracking modes. The MSP uses a two-axis coarse/fine stabilization system to ensure high line-of-sight accuracy.

Because of its small dimensions and low weight, the MSP 500 can be mounted on small surface combatants and patrol craft.

Variants/Upgrades

No variants are known to exist.

Program Review

Background. The Multi-Sensor Platform 500 began as a private venture development by STN Atlas Elektronik (renamed Rheinmetall Defence Electronics GmbH in 2003) and Zeiss Optronik in 1994. In 1995, a preproduction model of the MSP 500 underwent a favorable evaluation against an unidentified foreign system during trials in the Mediterranean aboard the Federal German Navy's F122 frigate *Emden*.

In 1997, the Federal German Navy selected Rheinmetall Defence Electronics' MSP 500 for retrofit to its surface fleet. Under the contract for this work, Rheinmetall manufactured and delivered 66 MSP 500 systems from 1998 to 2003.

Recent Activity. In January 2003, Rheinmetall Defence Electronics announced it would be manufacturing and delivering 13 MSP 500 systems to the Royal Norwegian Air Force between February 2004 and February 2005.

Funding

Rheinmetall Defence Electronics GmbH funds the development and production of the Multi-Sensor Platform 500.

Recent Contracts

No recent contracts have been identified.

Timetable

Month	Year	Major Development
	1994	Development of MSP 500 begins as a private venture between STN Atlas Elektronik and Zeiss Optronik
	1995	An MSP 500 preproduction model undergoes a favorable evaluation during trials in the Mediterranean
	1997	Federal German Navy selects the MSP 500 for retrofit to its surface fleet
Jan	2003	Rheinmetall Defence Electronics announces it will manufacture and deliver 13 MSP 500 systems to the Royal Norwegian Air Force

Worldwide Distribution

The armed forces of Germany and Norway own the Multi-Sensor Platform 500.

Forecast Rationale

The Multi-Sensor Platform 500 (MSP 500) is an electro-optical fire control and reconnaissance system manufactured by Rheinmetall Defence Electronics GmbH. It is designed for use on surface vessels. Given the lack of activity regarding the MSP 500, Forecast International has **removed** its **Ten-Year Outlook**.

Barring a sudden surge of sales activity, the Multi-Sensor Platform 500 report will be archived next year, in January 2007. Should MSP 500 sales transactions occur, Forecast International will reissue this report.

Ten-Year Outlook

No production is forecast; therefore, there is no Ten-Year Outlook chart.

* * *